

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	59	("3477438"   "3638649"   "3660345"   "3671480"   "3713441"   "3805857"   "3826257"   "3853126"   "3955594"   "3957713"   "3998222"   "4162243"   "4181132").PN. OR ("4447237").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:15
L2	0	("2005/0010176").URPN.	USPAT	AND	ON	2006/09/12 12:18
L3	21	("0996588"   "3155110"   "3159176"   "3580273"   "3693651"   "3941149"   "4434810"   "4458711"   "4951701").PN. OR ("5249598").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:21
L4	134	("0584091"   "0996588"   "3572375"   "3645547"   "3710942").PN. OR ("4143853").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:21
L16	836	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 12:35
L17	44	L16 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:35
L19	116	("4000739"   "4430081"   "4493475"   "4610665"   "4673393"   "4809679"   "4857062").PN. OR ("5009391").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:44
L20	17	L19 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:44
L21	0	L19 and heparin same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L22	0	L19 and anticoagul\$6 same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L23	134	("0584091"   "0996588"   "3572375"   "3645547"   "3710942").PN. OR ("4143853").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L24	0	L23 and anticoagul\$6 same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L25	76	nonthrombogenic same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:51

## EAST Search History

L26	1438	Anticoagulant same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:51
L27	85	Anticoagulant same valve same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:51
L28	24	(US-20050171510-\$ or US-20050171490-\$ or US-20050171489-\$ or US-20050171488-\$ or US-20050010176-\$).did. or (US-6306124-\$ or US-5396925-\$ or US-3674183-\$ or US-3669323-\$ or US-4447237-\$ or US-5009391-\$ or US-4559046-\$ or US-4215702-\$ or US-4549879-\$ or US-5249598-\$ or US-4143853-\$ or US-3477438-\$ or US-3955594-\$ or US-5453097-\$ or US-4610665-\$ or US-6610031-\$ or US-3846353-\$).did. or (US-3514438-\$).did. or (WO-9516480-\$).did.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/09/12 13:19
L29	10	L28 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 13:19
S2	836	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:25
S3	592	(604/247).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:40
S4	445	(604/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:26
S5	392	(604/30).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:26

## EAST Search History

S6	149	(US-20050171489-\$ or US-20050171490-\$ or US-20050171510-\$ or US-20030217957-\$ or US-20030217961-\$ or US-20030217962-\$ or US-20030217964-\$ or US-20030217975-\$ or US-20030217976-\$ or US-20030218623-\$ or US-20030220598-\$ or US-20030220599-\$ or US-20030220605-\$ or US-20030220606-\$ or US-20030220607-\$ or US-20030220608-\$ or US-20030220609-\$ or US-20040010223-\$ or US-20050049555-\$ or US-20050171488-\$ or US-20050173344-\$ or US-20050209563-\$ or US-20060113249-\$ or US-20060113250-\$ or US-20060058731-\$ or US-20040019313-\$).did. or (US-20050267445-\$ or US-20010031222-\$ or US-20050027261-\$ or US-20050165364-\$ or US-20060184139-\$ or US-20020120227-\$ or US-20020187069-\$ or US-20030086794-\$ or US-20030204162-\$ or US-20030215334-\$ or US-20040044301-\$ or US-20040050789-\$ or US-20050118038-\$ or US-20050119597-\$).did. or (US-5542919-\$ or US-4311587-\$ or US-4586920-\$ or US-5421814-\$ or US-5611792-\$ or US-6245039-\$ or US-6764761-\$ or US-6814547-\$ or US-6869538-\$ or US-6929751-\$ or US-6939111-\$ or US-6953323-\$ or US-7033539-\$ or US-7083719-\$ or US-7087036-\$ or US-5006835-\$ or US-5941499-\$ or US-6402770-\$ or US-4340049-\$ or US-4386622-\$ or US-4560472-\$ or US-5496282-\$ or US-5713850-\$ or US-6398764-\$ or US-6443926-\$ or US-6758975-\$). did. or (US-4252651-\$ or US-4490134-\$ or US-4596550-\$ or US-5954691-\$ or US-6206851-\$ or US-4412917-\$ or US-4796629-\$ or US-4925377-\$ or US-5209654-\$ or US-5205248-\$ or US-5609572-\$ or	US-PGPUB; USPAT	AND	ON	2006/09/11 15:05
9/12/2006 3:11:38 PM	C:\Documents and Settings\psmith\My Documents\EAST\Workspaces\10768571_091106.wsp					Page 3

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S7	17	(("4447237") or ("4692146") or ("5396925") or ("6152909") or ("6306124") or ("20050027261") or ("3159175") or ("3525357") or ("3669323") or ("3674183") or ("3811466") or ("5167638") or ("5205834") or ("6056717") or ("6210366") or ("2002121530")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:57
S8	0	S7 and nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:05
S9	2	S7 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:05
S10	1	S6 and nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:06
S11	8	S6 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:08
S12	3	S6 and hydrogel	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:08
S13	1	S6 and phosphorylcholine	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:09
S14	1	valve same slit same nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:26
S15	34	valve same slit same heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:17
S16	6	valve same slit same hydrogel	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:10
S17	0	valve same slit same phosphorylcholine	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:10
S18	115	valve same slit same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:20
S19	670	nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:21
S21	1	nonthrombogenic same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:21

## EAST Search History

S22	17	hydrogel same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:23
S23	26	coagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:29
S24	5	dialysis and coagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:26
S25	4	antithrombogenic same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:28
S26	140	623/1.43.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:28
S27	1	anticoagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:38
S28	4	anti-coagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:56
S29	0	dialysis and slit same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:32
S30	0	dialysis and slit same valve with coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:32
S31	21	slit same valve with coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:32
S32	11	anticoagulant same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:39
S33	59	("3477438"   "3638649"   "3660345"   "3671480"   "3713441"   "3805857"   "3826257"   "3853126"   "3955594"   "3957713"   "3998222"   "4162243"   "4181132").PN. OR ("4447237").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:48
S34	9	anti-coagulant same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:14
S35	0	S26 and slit near valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:58

## EAST Search History

S36	51	S26 and valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:59
S37	31	S3 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:15
S38	35	S4 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:09
S39	21	S5 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:12
S40	836	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:59
S41	41	S40 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:13
S42	116	("4000739"   "4430081"   "4493475"   "4610665"   "4673393"   "4809679"   "4857062").PN. OR ("5009391").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:02
S43	78	("2393003"   "3020913"   "3128769"   "3885561"   "4434810"   "4475898").PN. OR ("4549879"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:11
S44	16	anti-coagulant same valve same layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:14
S45	43	anticoagulant same valve same layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:14
S46	22	S3 and anticoagulant	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:19
S47	17	S4 and anticoagulant	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:19
S48	0	dialysis and (slit near valve same anticoagul\$5 same (coat or layer))	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:20
S49	1	valve same slit same anticoagulant same (coat or layer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:26
S50	11	valve same slit same anticoagulant	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27

## EAST Search History

S51	1	valve same slit same anticoagulant same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27
S52	0	valve same slit same anticoagulant same layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27
S53	4	valve same slit same anticoagulant same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27
S54	4	valve same slit same anticoagulant same layer\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:33
S55	73	("2268321"   "2616429"   "3584624"   "4215703"   "4362163"   "4388076").PN. OR ("4559046").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:31
S56	21	slit same valve same presur\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:33
S57	643	604/265.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:42
S58	3	(("4143853") or ("5533708") or ("5249598")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:42
S59	134	("0584091"   "0996588"   "3572375"   "3645547"   "3710942").PN. OR ("4143853").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S60	207	S57 and coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S61	1766919	S57 and coat or layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S62	429	S57 and (coat or layer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S63	28	S57 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:10
S64	25	S3 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:07
S65	32	S4 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:09

## EAST Search History

S66	10	S5 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:09
S67	62	S57 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:13
S68	48	S3 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:35
S69	44	S40 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:27
S70	2	(("3669323") or ("3674183")).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:32
S71	1	wo-9516480-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/11 17:33